



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

649.4701

Job Sheet 176742



Part No: 649.4701

Job Qty: 1 ea

Part Name: AW119 Cable Cutter System



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/30/18

Job Tracking No:

Due Date: 5/10/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: 647.4907 rev.F IPP REV:A 12.11.05 NEW ISSUE DD VERF:JLM IPP REV:B AS PER ECR 12-54 13-07-09
JLM VERIFIED BY:DD IPP REV:C 16.08.11 AS PER DWG REV:C DD VERF:JLM IPP REV:D 17.11.08 AS
PER DWG REV:E2 DD VERF:JFS IPP REV:E 18.03.28 AS PER DWG REV:F DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	5/10/18	5/10/18	0.00	0.00	Start Up Stores/Pkg-1	6	MAY 11 2018
100	Packaging	1 pcs	5/10/18	5/10/18	0.00	0.00	Packaging1-1	7-89	DAS
110	QC	1 pcs	5/10/18	5/10/18	0.00	0.00	QC4		JRB 28
120	Packaging	1 pcs	5/10/18	5/10/18	0.00	0.00	Packaging3-1		JRB 9-89
130	QC21-FG	1 Ea	5/10/18	5/10/18	0.00	0.00	QC21		JUL 17 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
649.4902	Lower Cutter Assembly	1 Ea (1 ea)	90-Start up Operation	
649.5113 <i>REV D</i>	Wiper Deflector Shim	2 Ea (2 ea)	90-Start up Operation	
MS24694-S62	Screw	2 Ea (2 ea)	90-Start up Operation	
MS27039-1-12	Screw	2 Ea (2 ea)	90-Start up Operation	
NAS1330S08KB321	Rivnut	8 Ea (8 ea)	90-Start up Operation	
649.4901	Upper Cutter Assembly	1 Ea (1 ea)	90-Start up Operation	
649.5010	Deflector	1 Ea (1 ea)	90-Start up Operation	
649.5214 <i>REV C</i>	Bracket	1 Ea (1 ea)	90-Start up Operation	
649.5212 <i>REV C</i>	Bracket	1 Ea (1 ea)	90-Start up Operation	
649.4811 <i>REV E</i>	Clip	1 Ea (1 ea)	90-Start up Operation	
649.5012	Deflector	2 Ea (2 ea)	90-Start up Operation	
649.5013	Deflector	2 Ea (2 ea)	90-Start up Operation	
649.5213	Doubler	2 Ea (2 ea)	90-Start up Operation	
649.5011	Deflector	1 Ea (1 ea)	90-Start up Operation	
649.5210	Doubler	2 Ea (2 ea)	90-Start up Operation	
649.4814	Doubler	2 Ea (2 ea)	90-Start up Operation	
649.4816 <i>REV E</i>	Doubler	1 Ea (3 ea)	90-Start up Operation	859857
601.3493	Quick Release Pin	2 Ea (2 ea)	90-Start up Operation	
649.5211	Shim	1 Ea (1 ea)	90-Start up Operation	
649.4813 <i>REV E</i>	Shim	4 Ea (4 ea)	90-Start up Operation	SA
649.4812	Shim	3 Ea (3 ea)	90-Start up Operation	
649.4815	Shim	4 Ea (4 ea)	90-Start up Operation	
646.9910	Struts	4 Ea (4 ea)	90-Start up Operation	



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Container No: S076264



Part: 649.4701

Job No: 176742

Serial No/Batch: S076264

Revision: F

Inspector:

Date: 05/30/18

3-30
38
072

647.9014	Strut Bracket	8 Ea (8 ea)	90-Start up Operation
649.5110	Wiper Deflector	2 Ea (2 ea)	90-Start up Operation
649.5111 <i>Rev D</i>	LH Wiper Deflector	1 Ea (1 ea)	90-Start up Operation
649.5112 <i>Rev D</i>	RH Wiper Deflector	1 Ea (1 ea)	90-Start up Operation
AN3C12A	Bolt	8 Ea (8 ea)	90-Start up Operation
AN4C5A	Bolt	4 Ea (4 ea)	90-Start up Operation
AN4C7A	Bolt	2 Ea (2 ea)	90-Start up Operation
CR3213-5-4	Cherry Rivet	8 Ea (8 ea)	90-Start up Operation
CR3213-4-5	Rivet	24 Ea (24 ea)	90-Start up Operation
91420A230	Screw	13 Ea (13 ea)	90-Start up Operation
NAS1832-3-7	Insert	8 Ea (8 ea)	90-Start up Operation
NAS1832-4-7	Insert	2 Ea (2 ea)	90-Start up Operation
NAS1834C3-300	Insert	2 Ea (2 ea)	90-Start up Operation
MS21042L08	Nut	9 Ea (9 ea)	90-Start up Operation
MS21042L3	Nut	22 Ea (22 ea)	90-Start up Operation
MS21042L4	Nut	4 Ea (4 ea)	90-Start up Operation
MS21059-3	Nut Plate	3 Ea (3 ea)	90-Start up Operation
MS20426AD3-5	Rivet	6 Ea (6 ea)	90-Start up Operation
MS20470AD4-5	Rivet, Universal Head	22 Ea (22 ea)	90-Start up Operation
MS20470AD5-11	Rivet	2 Ea (2 ea)	90-Start up Operation
MS24694-C57	Screw	2 Ea (2 ea)	90-Start up Operation
MS27039-1-18	Screw	4 Ea (4 ea)	90-Start up Operation
MS27039-1-14	Screw	4 Ea (4 ea)	90-Start up Operation
MS27039-08-24	Screw (MS27039-0824)	3 Ea (3 ea)	90-Start up Operation
MS27039-1-13	Screw	13 Ea (13 ea)	90-Start up Operation
MS27039-08-19	Screw	26 Ea (26 ea)	90-Start up Operation
MS27039-1-25	Screw	2 Ea (2 ea)	90-Start up Operation
MS27039-1-08	Screw	2 Ea (2 ea)	90-Start up Operation
MS27039-1-10	Screw	6 Ea (6 ea)	90-Start up Operation
AN970-3	Washer	2 Ea (2 ea)	90-Start up Operation
NAS1149F0332P	Washer	53 Ea (53 ea)	90-Start up Operation
NAS1149FN832P	Washer	18 Ea (18 ea)	90-Start up Operation
NAS1149F0432P	Washer	8 Ea (8 ea)	90-Start up Operation
NAS620C-10L	Washer	8 Ea (8 ea)	90-Start up Operation
601.2045	RTV (LOCTITE 598)	1 Ea (1 ea)	90-Start up Operation
600.1012	Sealant PR1425B2 (#654 sem)	1 pcs (1 ea)	90-Start up Operation
NAS1149F0363P	Washer	16 Ea (16 ea)	90-Start up Operation
649.4817	Shim	4 Ea (4 ea)	90-Start up Operation
649.4820 <i>Rev E</i>	Shim	1 Ea (1 ea)	90-Start up Operation
MS27039-08-13	Screw	12 Ea (12 ea)	90-Start up Operation
NAS1149CN832R	Washer	4 Ea (4 ea)	90-Start up Operation
MS21069-08	Anchor Nut	16 Ea (16 ea)	90-Start up Operation
MS20426AD3-4	Rivet	32 Ea (32 ea)	90-Start up Operation
649.4818	Shim	1 pcs (1 ea)	90-Start up Operation
649.4819 <i>Rev E</i>	Shim	2 Ea (2 ea)	90-Start up Operation
NAS1330S08KB106	Rivnut	8 Ea (8 ea)	90-Start up Operation
MS20426AD4-4	Rivet	4 Ea (4 ea)	90-Start up Operation
NAS9303B-5-03	Rivet	4 Ea (4 ea)	90-Start up Operation

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Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	600.1012	1	24	0
	601.2045	1	27	0 <i>3032 768</i>
	601.3493	2	10	0
	646.9910	4	35	0
	647.9014	8	100	0
	649.4811	1	14	0
	649.4812	3	27	0
	649.4813	4	36	0
	649.4814	2	22	0
	649.4815	4	29	0
	649.4816	3	51	0
	649.4817	4	42	0
	649.4818	1	6	0

649.4819	2	28	0
649.4820	1	20	0
649.4901	1	6	0
649.4902	1	8	0
649.5010	1	5	0
649.5011	1	8	0
649.5012	2	8	0
649.5013	2	8	0
649.5110	2	9	0
649.5111	1	0	0
649.5112	1	0	0
649.5113	2	20	0
649.5210	2	27	0
649.5211	1	11	0
649.5212	1	15	0
649.5213	2	19	0
649.5214	1	15	0
91420A230	13	209	0
AN3C12A	8	179	0
AN4C5A	4	111	0 50685311
AN4C7A	2	69	0
AN970-3	2	172	0
CR3213-4-5	24	172	0
CR3213-5-4	8	67	0 5038754x1
MS20426AD3-4	32	3,564	0
MS20426AD3-5	6	8,274	0
MS20426AD4-4	4	1,118	0
MS20470AD4-5	22	3,260	0
MS20470AD5-11	2	988	0
MS21042L08	9	2,147	0
MS21042L3	22	2,110	0
MS21042L4	4	2,942	0
MS21059-3	3	348	0
MS21069-08	16	274	0 5021267
MS24694-C57	2	36	0
MS24694-S62	2	91	0
MS27039-08-13	12	381	0
MS27039-08-19	26	1,563	0
MS27039-08-24	3	147	0
MS27039-1-08	2	556	0
MS27039-1-10	6	181	0
MS27039-1-12	2	243	0
MS27039-1-13	13	385	0
MS27039-1-14	4	483	0
MS27039-1-18	4	1,334	0
MS27039-1-25	2	88	0
NAS1149CN832R	4	769	0
NAS1149F0332P	53	1,653	0 5057525
NAS1149F0363P	16	221	0
NAS1149F0432P	8	2,033	0
NAS1149FN832P	18	2,411	0
NAS1330S08KB106	8	286	0 5024525
NAS1330S08KB321	8	0	0
NAS1832-3-7	8	193	0
NAS1832-4-7	2	32	0
NAS1834C3-300	2	150	0 124826
NAS620C-10L	8	173	0
NAS9303B-5-03	4	84	0

Part Specifications

Specifications could not be found.

3146

Plex 4/30/18 12:57 PM dart.lacelle.linda



Dart Aerospace Ltd.
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Tel (613) 632-5200

Container View (Active) - Master Unit Containers

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
003166	S038754	CR3213-5-4	Cherry Rivet		ST319	1
003166	S070585	CR3213-5-4	Cherry Rivet	s066948	ST319	7
003166	S070588	MS20426AD3-4	Rivet	fm134294	ST312	32
003166	S070584	MS20426AD3-5	Rivet	f4533	GA007	6
003166	S070583	MS20426AD4-4	Rivet	fm132536	ST312	4
003166	S070582	MS20470AD4-5	Rivet, Universal Head	s018536	ST311	22
003166	S070581	MS20470AD5-11	Rivet	f107100-1	ST309	2
003166	S070580	MS21042L08	Nut	s044234	ST303	9
003166	S070579	MS21042L3	Nut	s054107	ST303	22
003166	S070578	MS21042L4	Nut	s056039	ST303	4
003166	S070577	MS21059-3	Nut Plate	f123900-3	ST301	3
003166	S021267	MS21069-08	Anchor Nut	s016889	ST300	16
003166	S070576	MS24694-C57	Screw	f123648.0	ST285	2
003166	S070575	MS24694-S62	Screw	f119850.0	ST283	2
003166	S070574	MS27039-08-13	Screw	s019320-1	ST278	12
003166	S070573	MS27039-08-19	Screw	s044235	ST277	26
003166	S070572	MS27039-08-24	Screw (MS27039-0824)	f124326-9	GA015	3
003166	S070571	MS27039-1-08	Screw	s069646	ST281	2
003166	S070570	MS27039-1-10	Screw	s005145	ST280	6
003166	S070569	MS27039-1-12	Screw	s049832	ST280	2
003166	S070568	MS27039-1-13	Screw	f125654	ST280	13
003166	S070567	MS27039-1-14	Screw	f124326-4	ST280	4
003166	S070566	MS27039-1-18	Screw	f124326	OVER006	4
003166	S070565	MS27039-1-25	Screw	fm127432	ST279	2
003166	S070564	NAS1149CN832R	Washer	s014734	ST266	4
003166	S070563	NAS1149F0332P	Washer	S057525	ST262	53
003166	S070562	NAS1149F0363P	Washer	s027738	ST262	16
003166	S070561	NAS1149F0432P	Washer	s050055	ST262	8
003166	S070560	NAS1149FN832P	Washer	s020604	ST263	18
003166	S070559	NAS1330S08KB106	Rivnut	S024525	ST261	8
003166	S070558	NAS1832-3-7	Insert	fm127615-2	ST548	8
003166	S070557	NAS1832-4-7	Insert	s007034	ST548	2
003166	FM124826	NAS1834C3-300	Insert		ST549	2
003166	S070555	NAS620C-10L	Washer	FM127432-25	ST552	8
003166	S070553	NAS9303B-5-03	Rivet	fm138484-1	ST553	4

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

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Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
003166	S070568	MS27039-1-13	Screw	f125654	ST280	13
003166	S070567	MS27039-1-14	Screw	f124326-4	ST280	4
003166	S070566	MS27039-1-18	Screw	f124326	OVER006	4
003166	S070565	MS27039-1-25	Screw	fm127432	ST279	2
003166	S070564	NAS1149CN832R	Washer	s014734	ST266	4
003166	S070563	NAS1149F0332P	Washer	S057525	ST262	53
003166	S070562	NAS1149F0363P	Washer	s027738	ST262	16
003166	S070561	NAS1149F0432P	Washer	s050055	ST262	8
003166	S070560	NAS1149FN832P	Washer	s020604	ST263	18
003166	S070559	NAS1330S08KB106	Rivnut	S024525	ST261	8
003166	S070558	NAS1832-3-7	Insert	fm127615-2	ST548	8
003166	S070557	NAS1832-4-7	Insert	s007034	ST548	2
003166	FM124826	NAS1834C3-300	Insert		ST549	2
003166	S070555	NAS620C-10L	Washer	FM127432-25	ST552	8
003166	S070553	NAS9303B-5-03	Rivet	fm138484-1	ST553	4

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

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Container View (Active) - Master Unit Containers

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
003166	S071129	600.1012	Sealant PR1425B2 (#654 sem)	s056028	CCK017	1
003166	S031230	601.2045	RTV (LOCTITE 598)		CCK096	1
003166	FM127615-12	601.3493	Quick Release Pin		CCK100	2
003166	S071139	646.9910	Struts	s054537	CCK014	4
003166	S071204	647.9014	Strut Bracket	f93290	CCK117	8
003166	S071203	649.4811	Clip	s066635	CCK121	1
003166	S071133	649.4812	Shim	s019437	CCK062	3
003166	S071202	649.4814	Doubler	s018938	CCK121	2
003166	S071136	649.4815	Shim	s053345	CCK062	4
003166	S072008	649.4816	Doubler	S059859	CCK063	3
003166	S071200	649.4817	Shim	s053319	CCK121	4
003166	S004251	649.4818	Shim	S000953	CCK121	1
003166	S071198	649.4819	Shim	s066636	CCK121	2
003166	S071159	649.4820	Shim	s066657	CCK121	1
003166	F108550	649.4901	Upper Cutter Assembly		CCK025	1
003166	S071131	649.4902	Lower Cutter Assembly	f124742	CCK026	1
003166	S071195	649.5011	Deflector	s014906	CCK122	1
003166	S072009	649.5112	RH Wiper Deflector	S069555	CCK064	1
003166	S071192	649.5113	Wiper Deflector Shim	s064173	CCK122	2
003166	S071191	649.5210	Doubler	s053238	CCK122	2
003166	S071190	649.5211	Shim	f108557	CCK122	1
003166	S071179	649.5212	Bracket	s059207	CCK102	1
003166	S071178	649.5213	Doubler	s041401	CCK124	2
003166	S071175	649.5214	Bracket	s059211	CCK124	1
003166	S071085	91420A230	Screw	S042730	ST588	13
003166	S071084	AN3C12A	Bolt	S057518	ST349	8
003166	S068531	AN4C5A	Bolt	S042164	Start Up Stores/Pkg-1	1
003166	S071083	AN4C5A	Bolt	S019407	ST345	3
003166	S071082	AN4C7A	Bolt	S027516	ST345	2
003166	S071081	AN970-3	Washer	S003924	ST321	2
003166	S071080	CR3213-4-05	Rivet	S019315	ST319	24
003166	S038754	CR3213-5-4	Cherry Rivet		ST319	1
003166	S070585	CR3213-5-4	Cherry Rivet	s066948	ST319	7
003166	S070588	MS20426AD3-4	Rivet	fm134294	ST312	32
003166	S070584	MS20426AD3-5	Rivet	f4533	GA007	6
003166	S070583	MS20426AD4-4	Rivet	fm132536	ST312	4
003166	S070582	MS20470AD4-5	Rivet, Universal Head	s018536	ST311	22
003166	S070581	MS20470AD5-11	Rivet	f107100-1	ST309	2
003166	S070580	MS21042L08	Nut	s044234	ST303	9
003166	S070579	MS21042L3	Nut	s054107	ST303	22
003166	S070578	MS21042L4	Nut	s056039	ST303	4
003166	S070577	MS21059-3	Nut Plate	f123900-3	ST301	3
003166	S021267	MS21069-08	Anchor Nut	s016889	ST300	16
003166	S070576	MS24694-C57	Screw	f123648.0	ST285	2
003166	S070575	MS24694-S62	Screw	f119850.0	ST283	2
003166	S070574	MS27039-08-13	Screw	s019320-1	ST278	12
003166	S070573	MS27039-08-19	Screw	s044235	ST277	26
003166	S070572	MS27039-08-24	Screw (MS27039-0824)	f124326-9	GA015	3
003166	S070571	MS27039-1-08	Screw	s069646	ST281	2

11/18
06/19

11/18
06/19

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
003166	S070570	MS27039-1-10	Screw	s005145	ST280	6
003166	S070569	MS27039-1-12	Screw	s049832	ST280	2
003166	S070568	MS27039-1-13	Screw	f125654	ST280	13
003166	S070567	MS27039-1-14	Screw	f124326-4	ST280	4
003166	S070566	MS27039-1-18	Screw	f124326	OVER006	4
003166	S070565	MS27039-1-25	Screw	fm127432	ST279	2
003166	S070564	NAS1149CN832R	Washer	s014734	ST266	4
003166	S070563	NAS1149F0332P	Washer	S057525	ST262	53
003166	S070562	NAS1149F0363P	Washer	s027738	ST262	16
003166	S070561	NAS1149F0432P	Washer	s050055	ST262	8
003166	S070560	NAS1149FN832P	Washer	s020604	ST263	18
003166	S070559	NAS1330S08KB106	Rivnut	S024525	ST261	8
003166	S070558	NAS1832-3-7	Insert	fm127615-2	ST548	8
003166	S070557	NAS1832-4-7	Insert	s007034	ST548	2
003166	FM124826	NAS1834C3-300	Insert		ST549	2
003166	S070555	NAS620C-10L	Washer	FM127432-25	ST552	8
003166	S070553	NAS9303B-5-03	Rivet	fm138484-1	ST553	4

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

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649. 4813 S059664

649. 5111 S068528

649. 5012 S069654

649. 5010 S073222

649 5110 S073123

649 5013 X2 S074884

CC-SS9KB321 S091792

RE: ORDER 5958-1551- 3087

Linda Lacelle

Wed 2018-05-30 1:54 PM

To: Sonia Quirion <squirion@dartaero.com>; Chantal Chartrand <cchartrand@dartaero.com>; Caitlin Crooks <ccrooks@dartaero.com>; Jennifer Renwick <jrenwick@dartaero.com>;

cc: Jackson Lin <jlin@dartaero.com>;

Shit – sorry guys – that is the correct P/N that has to be added...not the one I wrote- sorry

From: Sonia Quirion

Sent: Wednesday, May 30, 2018 1:38 PM

To: Chantal Chartrand <cchartrand@dartaero.com>; Linda Lacelle <llacelle@dartaero.com>; Caitlin Crooks <ccrooks@dartaero.com>; Jennifer Renwick <jrenwick@dartaero.com>

Subject: Re: ORDER 5958-1551- 3087

linda ist not the NAS1330S08KB106 but NAS1330S08kb321

From: Chantal Chartrand

Sent: May 30, 2018 1:32:50 PM

To: Linda Lacelle; Caitlin Crooks; Jennifer Renwick

Cc: Sonia Quirion

Subject: RE: ORDER 5958-1551- 3087

Re: order 1551, I am waiting for the go ahead before revising. Caitlin will let me know if the customer is ok with this.

From: Linda Lacelle

Sent: May 30, 2018 10:33 AM

To: Caitlin Crooks <ccrooks@dartaero.com>; Jennifer Renwick <jrenwick@dartaero.com>; Chantal Chartrand <cchartrand@dartaero.com>

Cc: Sonia Quirion <squirion@dartaero.com>

Subject: RE: ORDER 5958-1551- 3087

For both orders 1551 and 3087 – we will NOT be shipping the NAS1330S08KB106's

Pls add to each order

3087 x 24

1551 x 16

These are only scheduled to arrive in Aug

From: Caitlin Crooks

Sent: Monday, May 28, 2018 4:25 PM

To: Linda Lacelle <llacelle@dartaero.com>

Subject: ORDER 5958-1551- 3087

Hi Linda



Vista, July 5, 2018

Leonardo Helicopters
AgustaWestland Philadelphia Corp
3076 Red Lion Rd
Philadelphia, PA
United States

Subject: Substitution of NAS1330S08KB321 Rivnut (ref. FAA STC SR02425LA)

On Whom This May Concern:

Due to a shortage of Rivnut P/N NAS1330S08KB321, and to reduce procurement delays, this letter is issued to confirm that it is acceptable to replace Rivnut P/N NAS1330S08KB321 referred to in IIA119-3 Rev. G (F/N 80 on page 14) with Rivnut P/N CC-SS8KB321.

In all other aspects, installation, maintenance and operation of the AW119 Cable Cutters Kit P/N 649.4701 must be per FAA STC SR02425LA.

The Kits affected by this minor deviation are: 649.4701 S/Ns, S076264, S076286, S076307, S076328 and S076365.

If you have further questions or concerns, don't hesitate to contact the DART Technical Support Team by email at support.ca@dartaero.com or through the DART Aerospace website (www.dartaerospace.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Jacob Becker".

Jacob Becker
Project Engineer
DART Aerospace – Vista, CA

Address
3030 Enterprise Court, Suite A
Vista, California
92081-8347

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